

What is claimed is:

1 1. A port assembly for a marine vessel having an
2 outer wall with an opening therein, said port assembly
3 comprising a shaped lens element and a first plastic ring
4 surrounding said lens element and fitting within the
5 opening in an abutting and overlapping relationship with
6 the outer wall and forming an outer surface with respect
7 to the vessel, said first plastic ring including an
8 inwardly projecting wall member defining a shape which is
9 similar to and slightly larger than the shape of said
10 lens element, and a hinged bracket formed in said first
11 plastic ring adjacent to said inwardly projecting wall
12 member, a hinge mounted on said bracket and to said lens
13 element to provide rotatable movement between said lens
14 element and said first plastic ring and gasket means
15 adjacent to said inwardly projecting wall member and
16 between said first plastic ring and said lens element;
17 and rotatable dog means for holding said lens element in
18 sealing engagement with said gasket, a second plastic
19 ring constructed and arranged to fit in a concentric
20 stacked relationship with said first plastic ring and in
21 an abutting relationship with an interior surface of the
22 vessel wall, and fastening means for fastening said first
23 and second plastic rings together in a clamping

0896478-091097


24 relationship with the wall of the vessel to thereby
25 provide a port in the vessel.

1 2. A port assembly for a marine vessel in
2 accordance with claim 1 in which said inwardly projecting
3 wall member is formed integrally with said ring.

1 3. A port assembly for a marine vessel according
2 to claim 2, in which said hinge bracket is integral with
3 said first plastic ring and abutting said inwardly
4 projecting wall member.

1 4. A port assembly according to claim 3, which
2 includes a pair of hinge brackets.

1 5. A port assembly accordingly to claim 4, which
2 includes a decorative metal ring superimposed on and
3 covering the outer surface of said first plastic ring.

1  A port assembly for a marine vessel having an
2 outer roll with an opening therein, said port assembly
3 comprising a shaped lens elements and a first plastic
4 ring surrounding said lens element and fitting within the
5 opening in an abutting and overlapping relationship with
6 the outer wall and forming an outer surface with respect
7 to the vessel, said first plastic ring including a first

17

08926478-09109
460T60" 82492680

8 inwardly projecting wall member, a pair of inwardly
9 projecting hinge brackets formed in said first plastic
10 ring adjacent to said first inwardly projecting wall
11 member and a hinge element attached to said brackets and
12 to said lens element providing for rotational movement
13 between said lens element and said first plastic ring
14 about said pivot and gasket means having the same general
15 shape as said first inwardly projecting wall member and
16 disposed adjacent said first inwardly projecting wall
17 member and between said first plastic ring and said lens
18 element, a mounting element formed integrally with said
19 first plastic ring and adjacent to said first inwardly
20 projecting wall and a rotatable dog disposed on said
21 mounting element and constructed and arranged to hold
22 said lens element in sealing engagement with said gasket
23 when in a first position and for releasing said lens
24 element for rotation about said hinge element when in a
25 second position, said first plastic ring also including a
26 second inwardly directed wall member spaced outwardly
27 from said first inwardly directed wall member and a
28 plurality of spaced apart fastening elements formed
29 integrally with said first plastic ring and adjacent to
30 said second inwardly directed wall member, a second
31 plastic ring constructed and arranged to fit in a
32 concentric nested relationship with said first plastic
33 ring and in an abutting relationship with an interior

089926478-091097

34 surface of the wall, said second plastic ring defining a
35 u-shaped cross section which is adapted to receive said
36 second inwardly directing wall member of said first
37 plastic ring disposed therein, said second plastic ring
38 also including a plurality of corresponding fastening
39 elements aligned with said spaced apart fastening
40 elements in said first plastic ring and means including
41 said plurality of spaced apart fastening elements in said
42 first plastic ring and said corresponding fastening
43 elements in said second plastic ring for fastening said
44 first and second plastic rings together in a clamping
45 relationship with the wall of the vessel.

1 7. A port assembly according to claim 6, which
2 includes a decorative metal ring superimposed on and
3 covering the outer surface of said first plastic ring.

1 8. A port assembly according to claim 7, which
2 includes fastening elements having a threaded elements in
3 said first plastic ring and in which the fastening
4 element in said second plastic ring defines an opening.

1 9. A port assembly for a marine vessel having an
2 outer wall with an opening therein, said port assembly
3 comprising a lens element and a first plastic ring
4 surrounding said lens element and fitting within the

08926478-091097

5 opening in an abutting relationship with the wall and
6 forming an outer surface with respect to the vessel, a
7 second plastic ring constructed and arranged to fit in a
8 concentric relationship with said first plastic ring and
9 in an abutting relationship with an interior surface of
10 the vessel wall, means for fastening said first and
11 second plastic rings together in a clamping relationship
12 with the wall of the vessel and a decorative metal ring
13 superimposed on and covering the outer surface of said
14 first plastic ring, and means for fastening said
15 decorative metal ring to the outer surface of said first
16 plastic ring.

1 ~~10~~. A port assembly according to claim 9, in which
2 said decorative metal ring includes an inwardly directed
3 component for fitting around an outer periphery of said
4 first plastic ring and a plurality of tabs for fastening
5 said decorative metal ring to said first plastic ring.

1 ~~11~~. A port assembly according to claim ~~10~~, in which
2 said first plastic ring includes a plurality of recessed
3 areas for receiving said tabs thereunder.

1 ~~12~~. A port assembly according to claim 1 in which
2 said second plastic ring includes a recess which allows

3 an individual's fingers to engage an outer periphery of
4 said lens element.

1 ~~15.~~¹⁰ A port assembly according to claim ~~6~~⁷ in which
2 said second plastic ring includes a recess adjacent to
3 one of said dogs and in which said recess extends along
4 said ring on both sides of said dog.

08026478-091097